

# TRAINING & SIMULATION

## INDUSTRY SYMPOSIUM





# Business Opportunities



<u>Organization</u>	<u>Program</u>	<u>RFP Release</u>	<u>Award Date</u>
PM CTIS	MPC	2 <sup>nd</sup> Qtr FY16	3 <sup>rd</sup> Qtr FY16
PM CTIS	Tactical Tower	Jan 16	Apr 16
PM DT	LCPM	Jul 16	Jul 17
PM DT	MSAR II		
PM LTS	I-MILES V-TESS	Dec 15	Jan 17
PM LTS	OSWV	3 <sup>rd</sup> Qtr FY17	2 <sup>nd</sup> Qtr FY18
PM LTS	MILES Relevancy IDIQ		
PM MedSim	WBPS	3 <sup>rd</sup> Qtr FY16	1 <sup>st</sup> Qtr FY17

***Note: All Dates are Tentative***

## Acronym Key

**MPC** - Mobile Production Center

**LCPM** - Life Cycle Product-line Management

**I-MILES V-TESS** - Instrumentable - Multiple Integrated Laser Engagement System Vehicle-Tactical Engagement Simulation System

**MSAR II** - Modular Small Arms Range II

**OSWV** - OPFOR Surrogate Wheeled Vehicle

**WBPS** - Whole Body Patient Simulators





# Business Opportunities (continued)



<u>Organization</u>	<u>Program</u>	<u>RFP Release</u>	<u>Award Date</u>
PM GCTT	Abrams M1A2 SEPv3 Live Engine Trainer	3 <sup>rd</sup> Qtr FY16	4 <sup>th</sup> Qtr FY17
PM GCTT	C-RAM	2 <sup>nd</sup> Qtr FY16	4 <sup>th</sup> Qtr FY16
PM GCTT	C-130J RWST	3 <sup>rd</sup> Qtr FY16	2 <sup>nd</sup> Qtr FY17
PM GCTT	HIMARS MTS	2 <sup>nd</sup> Qtr FY17	1 <sup>st</sup> Qtr FY18
PM GCTT	Stryker MTS	4 <sup>th</sup> Qtr FY16	2 <sup>nd</sup> Qtr FY17
<b><i>Note: All Dates are Tentative</i></b>			

## Acronym Key

**Abrams M1A2 SEPv3** – Live Engine Trainer

**C-RAM** - Counter Rocket, Artillery, Mortar Landbased  
Phalanx Weapon System (LPWS) Operator/Maintainer  
Trainer (OMT)

**C-130J RWST** – C-130J Reconfigurable Weapon System  
Trainers

**HIMARS MTS** – High Mobility Artillery Rocket System  
Maintenance Training System

**Stryker MTS** – Stryker Maintenance Trainer System (MTS)  
Phase V









# Mobile Production Center (MPC)



## Description/Summary of Program Requirements

Tech Refresh of the Joint Readiness Training Center (JRTC) Mobile Production Center (MPC), which is comprised of a Mobile After Action Review (MAAR) Theater, Mobile Production Unit (MPU) and a trailer-mounted electrical power generator and microwave set (Power and Antenna Trailer (PAT)).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"><li>Contract Vehicle: STOC II</li><li>Contract Type: Firm Fixed Price</li></ul>	<ul style="list-style-type: none"><li>18 Months</li></ul>	<div><div>Jul 15</div><div>Nov 15</div><div>2QFY16</div><div>3QFY16</div></div> <div><div></div><div></div><div></div><div></div></div> <div><div>Sources Sought</div><div>Industry Day</div><div>RFP</div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM TRADE Phone: 407-384-5201 Email: <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	<ul style="list-style-type: none"><li>Funding &lt; \$4M</li></ul>	<ul style="list-style-type: none"><li>New procurement</li></ul>














# JRTC Tactical Tower Replacement



## Description/Summary of Program Requirements

Provides for the building of a new communication tower to replace the 100' self-supporting Joint Operations Center (JOC) Tower near Building 1560 at Fort Polk, LA . The effort requires: basic site preparation work, establishment of the new tower's foundation, erection of the tower, installation of communication cabling, installation of antennas, demolition of the old communication tower and foundation, and preparation/delivery of drawing package.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES									
<ul style="list-style-type: none"><li>Contract Vehicle: STOC II</li><li>Contract Type: Firm Fixed Price</li></ul>	<ul style="list-style-type: none"><li>1 year</li></ul>	<table><tr><td>1QFY16</td><td>Jan 16</td><td>Apr 16</td></tr><tr><td></td><td></td><td></td></tr><tr><td>Sources Sought</td><td>RFP</td><td>Contract Award</td></tr></table>	1QFY16	Jan 16	Apr 16				Sources Sought	RFP	Contract Award
1QFY16	Jan 16	Apr 16									
											
Sources Sought	RFP	Contract Award									
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)									
Organization: PM TRADE Phone: 407-384-5201 Email: <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	<ul style="list-style-type: none"><li>Funding &lt; \$4M</li></ul>	<ul style="list-style-type: none"><li>New procurement</li></ul>									









# Life Cycle Product-line Management (LCPM)



## Description/Summary of Program Requirements

Provides life cycle management and hardware product line development in support of live training systems:

- The Digital Range Training System (DRTS) program comprised of the following range types: Digital Multi-Purpose Range Complex (DMPRC), Digital Multi-Purpose Training Ranges (DMPTR), Battle Area Complex (BAX), Digital Air/Ground Integration Range (DAGIR).
- Urban Operations Training System (UOTS) comprised of the following range types: Urban Assault Course (UAC), Shoot house, Combine Arms Collective Training Facility (CACTF)
- Targetry Range Automated Control and Recording (TRACR); and Location of Miss And Hits (LOMAH)
- Homestation Instrumentation comprised of the following range types: Joint Pacific Multi-national Readiness Capability – Instrumentation System (JPMRC-IS), Homestation Instrumentation Systems (HITS);
- Combat Training Centers: National Training Center (NTC), Joint Readiness Training Center(JRTC) & Joint Multi-national Readiness Center (JMRC)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive Procurement</li><li>Contract Type: Proposed single award IDIQ</li></ul>	<ul style="list-style-type: none"><li>5 year POP</li></ul>	<div>Sep 14    Nov 15    Jul 16    Jul 17</div> <div>            </div> <div>RFI    PALT Initiation    RFP    Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM TRADE Phone: 407-384-5201 Email: <a href="mailto:TRADE@peostri.army.mil">TRADE@peostri.army.mil</a>	<ul style="list-style-type: none"><li>OPA/OMA/RDT&amp;E: ~ \$465 M</li></ul>	<ul style="list-style-type: none"><li>NA</li></ul>





# I-MILES Vehicle - Tactical Engagement Simulation System



## Description/Summary of Program Requirements

I-MILES Vehicle-Tactical Engagement Simulation System (V-TESS) is tactical and combat vehicles (Fire Control Systems) and system weapon in a single TESS product line. V-TESS uses Live Training Engagement Composition software to define the communication framework. V-TESS will incorporate a common power supply system. V-TESS will be compatible and interoperable with all legacy MILES devices. It will be a modular, wireless design that significantly reduces system installation times. This system will interface with training instrumentation systems providing casualty assessments, battle damage assessments, and critical data for After Action Reviews.

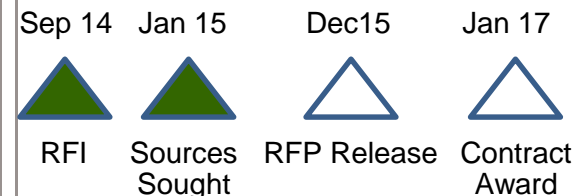
### ACQUISITION STRATEGY

- Contract Vehicle: Competitive Award
- Contract Type: Fixed Price Incentive. Single award IDIQ

### PERIOD OF PERFORMANCE

- 7 year ordering period

### MILESTONES



### POINT OF CONTACT

Organization: PM TRADE  
Phone: (407) 384-5201  
Email: [usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil](mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil)

### FUNDING

- ~ \$288M OPA over FY16 – FY23

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Production and Deployment Phase.
- Prime Contractor: Saab & Cubic.
- Contract Type: Firm Fixed Price.
- Production Award Date: Jan 2012 & July 2010 (1 base + 4 options).





# Opposing Force Surrogate Wheeled Vehicle (OSWV)



## Description/Summary of Program Requirements

The OSWV fleet is a collection of wheeled vehicles, used as training aids to portray threat vehicles including tactical vehicles, technical vehicles, and Civilian on the Battlefield vehicles (COB-V). These vehicular training aids are essential to the Army's ability to simulate the capability of enemy maneuver forces countering Unified Land Operations (ULO) during Maneuver Combat Training Center (MCTC) Decisive Action (DA) rotations. Each type of OSWV is composed of three components: the vehicle, a visual modification (VISMOD) to make it appear as an OPFOR vehicle, and the Tactical Engagement Simulation System (TESS) with the instrumentation system (IS) required to participate in CTC rotations. Both TESS and IS are developed under the I-MILES and CTC-IS programs of record, respectively, with their own inherent requirements. The OSWV program expects to have Interim Contractor Support for the visual modifications until the program transitions to PEO STRI Field Operations for long term support.

### ACQUISITION STRATEGY

- Contract Vehicle: Full and open competition
- Contract Type: FFP
- Potential for a combination of industry and organic procurement

### PERIOD OF PERFORMANCE

- 5 year PoP

### MILESTONES

Sep 15



RFI

3<sup>rd</sup> QTR 17



RFP  
Release

2<sup>nd</sup> QTR 18



Contract  
Award

### POINT OF CONTACT

Organization: PM TRADE

Phone: (407) 384-5201

Email: [usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil](mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil)

### FUNDING

- ~ \$23M - \$40M

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New procurement








# Virtual Patient Simulation Systems (VPSS) Whole Body Patient Simulators (WBPS)



## Description/Summary of Program Requirements

Product Manager for Medical Simulation (PM MedSim) has a requirement for virtual medical training devices that simulate anatomy and physiology. The VPSS-WBPS contract will be comprised of whole body manikins. These Commercial Off The Shelf (COTS) simulators will be integrated into developmental solutions and used for training, evaluating, and certifying personnel in multiple medical tasks and skills. These COTS training devices will be delivered to locations in CONUS and OCONUS.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"><li>• Contract Vehicle: Competitive Award</li><li>• Contract Type: Multiple Award IDIQ</li></ul>	<ul style="list-style-type: none"><li>• 2yr base and 3 optional ordering periods</li></ul>	<div>1<sup>st</sup> Qtr FY16</div> <div></div> <div>Sources Sought Notice</div> <div>3<sup>rd</sup> Qtr FY16</div> <div></div> <div>RFP Released</div> <div>1<sup>st</sup> Qtr FY17</div> <div></div> <div>Contract Awarded</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Organization: PM TRADE Phone: (407) 384-5201 Email: <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	<ul style="list-style-type: none"><li>• DoD and Customer Funding</li><li>• Total Estimated Value \$150+M</li></ul>	<ul style="list-style-type: none"><li>• Multiple OEMs</li><li>• Multiple Procurement Vehicles</li></ul>








# Abrams M1A2 SEPv3 Live Engine Trainer



## Description/Summary of Program Requirements

The U.S. Army Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI), Project Manager, Training Devices (PM TRADE), Project Manager for Ground Combat Tactical Trainer (PM GCTT) anticipates a new acquisition for an upgrade of the existing Abrams M1A1 Live Engine Trainers at Ft. Benning, GA., Ft. Lee, VA., and Gowen Field, ID., to the M1A2 SEPv3 configuration. These trainers are required to support the Program of Instruction (POI) for the 91A, 913A and 915A Military Occupational Specialties (MOSs). This trainer is expected to provide training in diagnostic and troubleshooting tasks of the Abrams M1A2 SEPv3 Engine and associated electronics, cables and Line Replaceable Units (LRUs). The objective is for eleven (11) M1A2 SEPv3 Live Engine Trainers. Modifying nine (9) existing and fabricate two (2) new Driver Station Stands and Engine Stands.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive</li><li>Contract Type: Firm Fixed Price</li></ul>	3 Years	4 <sup>th</sup> QTR FY15  RFI Release	3 <sup>rd</sup> QTR FY16  RFP Release	4 <sup>th</sup> QTR FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<b>Organization:</b> PM TRADE <b>Phone:</b> (407) 384-5201  <b>Email:</b> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	Estimated Range: ~\$7M	New Contract		








# C-RAM Landbased Phalanx Weapon System (LPWS) Operator/Maintainer Trainer (OMT)



## Description/Summary of Program Requirements

The Counter Rocket, Artillery, Mortar (C-RAM) LPWS OMT training devices will be Computer Based Training (CBT) systems used to train operators and maintainers at the institutional and units levels. The classrooms will be located at Ft Sill, OK (Operator training) and Ft Lee, VA (Maintainer training). Unit level systems (laptops) will be fielded to Ft Sill (5-5 & 2-6 Air Defense Artillery) and Ft Campbell KY (2-44 ADA) for sustainment and refresher training. The OMT will be utilized for initial MOS training of 14S (Operators) and 94T and 94M (Maintainers). TADSS Distribution for the OMT will be: 67 desktop systems and 40 laptop systems, for a total of 107 OMT systems.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive, STOC II, Lot II</li><li>Contract Type: Firm Fixed Price</li></ul>	<ul style="list-style-type: none"><li>FY16 - FY17</li></ul>	2 <sup>nd</sup> QTR FY15  Sources Sought Notice	2 <sup>nd</sup> QTR FY16  RFP Release	4 <sup>th</sup> QTR FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<b>Organization:</b> PM TRADE <b>Phone:</b> (407) 384-5201 <b>Email:</b> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	Customer Funding: ~ \$3M	New Contract		














# C-130J Reconfigurable Weapon System Trainer (RWST)



## Description/Summary of Program Requirements

The Air National Guard has requested PEO STRI to manage an acquisition program to obtain up to three C-130J Reconfigurable Weapon System Trainers (RWSTs) for three Air National Guard bases. The cockpit of the WSTs are to be reconfigurable into a cargo, electronic counter measure or combat rescue cockpit. These WSTs are to be fielded to Quonset, RI; Harrisburg, PA, and Channel Islands, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES									
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive</li><li>Contract Type: Firm Fixed Price</li></ul>	5 Years	<table><tr><td>2<sup>nd</sup> QTR FY16</td><td>3<sup>rd</sup> QTR FY16</td><td>2<sup>nd</sup> QTR FY17</td></tr><tr><td></td><td></td><td></td></tr><tr><td>RFI Release</td><td>RFP Release</td><td>Contract Award</td></tr></table>	2 <sup>nd</sup> QTR FY16	3 <sup>rd</sup> QTR FY16	2 <sup>nd</sup> QTR FY17				RFI Release	RFP Release	Contract Award
2 <sup>nd</sup> QTR FY16	3 <sup>rd</sup> QTR FY16	2 <sup>nd</sup> QTR FY17									
											
RFI Release	RFP Release	Contract Award									
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)									
<b>Organization:</b> PM TRADE <b>Phone:</b> (407) 384-5201 <b>Email:</b> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	Estimated Range: \$20M - \$60M	New Contract									








# High Mobility Artillery Rocket System (HIMARS) Maintenance Training System (MTS) V8 Integrated Electronic Technical Manual



## Description/Summary of Program Requirements

Product Manager Field Artillery Launchers (PdM FAL) has a new maintenance training requirement to upgrade the High Mobility Artillery Rocket System (HIMARS) Maintenance Training System (MTS) to support the tactical weapon system version 8 software update. PM FAL has requested PEO STRI support for the acquisition of the upgrade effort.

This effort will include the upgrade of eight Launcher Mock-up (LM) and two Diagnostic Troubleshooting Trainer (DTT), Organizational Maintenance Trainers (OMT) classrooms located at Fort Lee, VA and Fort Sill, OK respectively. These systems will require the remodeling of the Gunner Display Unit (GDU) screen functionality and updating the current maintenance task lessons. Funding is programmed for FY16. The strategy is to include scope in this contract to accommodate development and product improvements as the HIMARS tactical fleet is being fitted with the tactical software and subsequent Line Replaceable Unit (LRU) upgrades.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive</li><li>Contract Type: Firm Fixed Price with options</li></ul>	3 Years	4 <sup>th</sup> QTR FY16  RFI Released	2 <sup>nd</sup> QTR FY17  RFP Released	1 <sup>st</sup> QTR FY18  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<b>Organization:</b> PM TRADE <b>Phone:</b> 407-384-5201 <b>Email:</b> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	<ul style="list-style-type: none"><li>\$1.3M Customer Procurement Funds</li></ul>	OEM: CAE		





# Stryker Maintenance Trainer System (MTS)



## Description/Summary of Program Requirements

The Stryker MTS is designed to teach troubleshooting, remove and replace tasks to the 91S, Stryker System Mechanic Military Occupational Skill (MOS).

Enhance the capabilities of the current system by converting existing Diagnostic Troubleshooting Trainer (DTT) lessons into 3D graphics and development of trainers for the Stryker Remote Weapon Station (RWS), Mortar Carrier (MC), Anti-Tank Guided Missile ATGM), Mobile Gun System (MGS) vehicle and a C9 Engine trainer. Doing this while reusing the existing system architecture, software design, functionality, User and Instructor/Operator (I/O) interfaces and capabilities to select lessons from the Training Task List (TTL).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"><li>Contract Vehicle: Competitive</li><li>Contract Type: Firm Fixed Price with options</li><li>EFO for 3D lessons for Automotive and Mortar Carrier</li></ul>	5 Years	3 <sup>rd</sup> QTR FY16  Source Sought Notice	4 <sup>th</sup> QTR FY16  RFP Released	2 <sup>nd</sup> QTR FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<b>Organization:</b> PM TRADE <b>Phone:</b> 407-384-5201 <b>Email:</b> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a>	<ul style="list-style-type: none"><li>~\$63M Including all options</li></ul>	Current Contract Phase IV: DiSTI OEM: Rockwell Collins		





# LT2 Portal



LT2Portal.mil is the official site for the Live Training Community



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